ROUTING AND RECORD SHEET

SUBJECT: (Optional)

ISB Meeting with IBM (Toscano) - 12/11/87

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NO. ER 3915-87

DATE 4 December 1987

TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
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Central Intelligence Agency

Washington, D.C. 20505

ER 3915-87
4 December 1987

Dr. F. Cesar Toscano
IBM Corporation
2000 Purchase Street
Purchase, New York 10577

Dear Dr. Toscano:

We are delighted that you will be able to meet with us next week to tell us how your company develops its information technology investment strategy.

Enclosed is some information describing the CIA, how we use information technology, and the participants in next week's meeting. If you have any questions, please call me at

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Sincerely,

/signed/

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Enclosures
  1. Background for Meeting
  2. Intelligence Community Chart (Orig Only)
  3. CIA Organization Chart (Orig Only)

STAT   DCI/EXDIR   (4 Dec 87)

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BACKGROUND

CIA Information Systems Board Meeting in
New York City during 10-11 December 1987

Information Technology at the CIA

The Central Intelligence Agency is an information business. We
gather information from around the world -- through clandestine
means such as human agents, through technical means such as
signals or imagery, and through open sources such as diplomats or
press reports. This information flows into our Headquarters
where it is refined through extensive processing and analysis.
Our product, finished intelligence, is then passed on to our
customers, principally the President and other National decision
makers. The CIA might be characterized as a specialized provider
of news and information services to the Government.

As our customers have turned to the Agency to produce better
intelligence more rapidly and dealing with a wider range of
issues, the Agency has turned to technology to achieve the
productivity gains necessary to satisfy ever increasing demands.
The past decade has seen an extraordinary proliferation of infor-
mation systems within the Agency. There is a strong corporate
commitment to provide every employee with the information
processing tools necessary to get the job done; today most
employees have some sort of workstation at their desk. We spend
a significant portion of our budget on technology which moves,
stores or processes information. We are dependent upon informa-
tion technology to fulfill almost every aspect of our mission.

To support general-purpose computing and corporate applications,
the Agency operates more than twenty large IBM systems (308X and
309X processors running VM and MVS). We have several Unisys
systems (119X processors) and a Cray for specialized intelligence
applications. The most common mid-range computers are Digital
Equipment VAX systems, also supporting specialized intelligence
applications. A large base of teletype terminals is being
replaced with IBM-compatible personal computers (using the IBM
3270 protocol). Some of our more sophisticated applications are
based upon SUN workstations. The Wang Alliance is our ubiquitous
office system, although growing numbers of Wang VS systems are
being acquired. Within our Headquarters, voice and data connec-
tivity is provided by a large network of digital PBXs. We are
beginning to replace our dedicated telecommunication circuits in
the Washington area with an IBM SNA-based network. Similar
efforts are underway to migrate our telecommunications between
our Headquarters and the field to an X.25-based network.

Management of Information Technology

In many respects, the Agency bears little resemblance to the popular image of Government. The Agency tends to decentralize authority and responsibility. The result is a "federal system" for managing information technology in which corporate services are centrally managed and customer-specific services are decentralized.

The central services are provided by the Directorate of Administration. The Office of Information Technology provides centralized data processing and domestic telecommunications services. The Office of Communications provides centralized telecommunications between Headquarters and our offices overseas. While many of our corporate systems are built and operated by these two offices, neither has a monopoly.

Three of the four directorates within the Agency have their own information service organizations. The Office of Information Resources deals with information technology matters for the Directorate of Intelligence, as does the Information Management Staff for the Directorate of Operations and the Office of Information Technology for the Directorate of Administration. Due to the nature of the Directorate of Science and Technology, information services are decentralized with coordination at the directorate-level.

The Executive Director deals with management issues which span the directorates. The Information Systems Board is an executive steering committee which assists the Executive Director in fulfilling this responsibility as it relates to the management of information technology.

Information Systems Board

You will be meeting with:

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Executive Director (and chairman).

Director of Information Resources (Directorate of Intelligence).
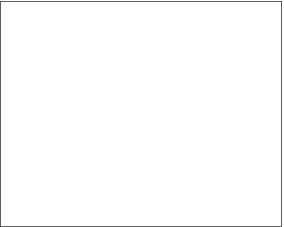
Chief, Information Management Staff (Directorate of Operations).

Director of Security (Directorate of Administration).

Director of Communications (Directorate of Administration).

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<u>Deputy Director of Information Technology</u>
(Directorate of Administration).   the
Director of Information Technology, will be unable
to attend.

<u>Deputy Comptroller</u>.

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Jim Hirsch, Associate Deputy Director for Science and Technology
will be unable to attend;   his assistant for matters
pertaining to information technology, is attending in his place.

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Also present is   an assistant to

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